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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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54856 7590 02/14/2007

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EXAMINER

HUYNH, SON P.

ART UNIT

PAPER NUMBER

2623

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

09/912,109

Applicant(s)

SAKAMOTO ET AL.

Examiner

Son P. Huynh

Art Unit

2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to..
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 July 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

### ***Drawings***

Figures 5, 6(a), 6(b), 8, 9(a), 9(b), 10(a), 10(b), 11, 12(a), 12(b) should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Claim Objections***

2. Claims 4 and 6 are objected to because of the following informalities:

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Claim 4 recites the limitation "said step of receiving and encoding" in line 1 should be replaced as – said step of receiving and decoding—

Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-5, 7-9, 11-12, 16-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Tanigawa et al. (US 5,973,681).

Regarding claim 1, Tanigawa discloses a method for browsing the Web on the Internet, comprising using a browserless broadcast system (see figures 1-2, col. 19, lines 7-43, col. 20, lines 50-67, col. 28, line 61-col. 29, line 11), which includes:

a transmitting unit for compressing video data in accordance with a predetermined compression scheme and transmitting the compressed data (transmission data generating, transmitting data holding unit, transmitting data reading unit, multiplexing unit, transmitting unit- hereinafter referred to as transmitting unit- compressing video data in MPEG-2 for transmitting over digital satellite broadcasting to

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the receiving apparatus 150 – see include, but is not limited to, figure 1, col. 20, lines 12-67);

and a receiving unit for receiving and decoding the transmitted video data and directly transmitting the data to a video display device (the receiving apparatus processed the received MPEG-2 and transmitted to display unit 154 for display – figure 1, col. 23, line 53-col. 25, line 18. Since the data is received in encoded MPEG-2 (col.20, lines 28-34), the received MPEG-2 data must be decoded before it is display), the method comprising the steps of:

converting a web page transmitted to the transmitted unit from the Internet into video data (see include, but is not limited to, col. 3, lines 1-15, col. 11, lines 60-67);

compressing the video data in accordance with the predetermined compressing scheme (comprising the display image, audio, link information, into MPEG-2 for broadcasting – col. 20, lines 13-44);

transmitting the compressed video data (col. 20, lines 13-44);

receiving and decoding the transmitted video data using the receiving unit to directly transmit the decoded data to a video display device, without requiring a browser application – see include, but is not limited to, figure 1, col. 20, lines 13-67, col. 23, line 50-col. 24, line 50, col. 28, line 47-col. 29, line 11; the MPEG-2 data must be decoded before it is displayed).

establishing an association between a link provided to the video data and a position of a cursor in the video data transmitted to the video display device (e.g. see

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include, but is not limited to, figures 18a-20, col. 23, lines 30-37, col. 24, lines 46-50, col. 25, lines 5-18, col. 26, lines 17-52).

Regarding claim 2, Tanigawa further discloses converting a web page comprises providing the link to the video data on the basis of a link provided to the web page (see include, but is not limited to, figures 7-10, col. 10, line 23-col. 11, line 67, col. 12, lines 15-42),

the step of transmitting the compressed video data comprises transmitting the compressed video data and information about the link (see figure 1, col. 18, line 38-col. 19, line 43, col. 20, lines 13-67).

Regarding claim 3, Tanigawa further discloses providing a link to the video data comprising:

extracting a web address link to the link provided to the web page (e.g. extracting address linked to "report.html" page, "tokyo.html" page, etc. – see include, but is not limited to, figures 2-10, col. 7, line 60-col. 9, line 61);

placing the link in the video data on the basis of the position of the link provided to the web page (see include, but is not limited to, figures 7-10b, col. 10, lines 1-67, col. 12, lines 15-30), col. 13, lines 35-62).

Regarding claim 4, Tanigawa additionally discloses the step of receiving and decoding the transmitted video data comprises:

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decoding the received data (the received MPEG-2 data must be decoded before it is displayed – discussed in rejection of claim 1 above);

transmitting the decoded data to the video display device (transmitting decoded data to display unit 154 – figure 1, col. 24, lines 36-51);

establishing an association between the information about the link provided to the received video data and a position of a cursor in the video data transmitted to the video display device (see figures 18a-20, col. 26, lines 20-51).

Regarding claim 5, Tanigawa also discloses video data includes audio data when web page include voice or sound (broadly interpreted as the multiplexed MPEG-2 comprises display image information, audio information, and link information – see include, but is not limited to, col. 35-63, col. 18, lines 38-44, col. 20, lines 12-67).

Regarding claim 7, Tanigawa further discloses the predetermined compression scheme is an MPEP2 standard (col. 20, lines 28-67).

Regarding claims 8-9, 11-12, the limitations of the broadcast system as claimed correspond to the limitations of the method as claimed in claims 1, 3, and are analyzed as discussed with respect to the rejection of claims 1, 3, 5, 7.

Regarding claims 16-18, the method as claimed is broader in scope than the method as claimed in claims 1-3, and are analyzed as discussed in the rejection of claims 1-3.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 13-15, 19-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tanigawa et al. (US 5,973,681).

Claims 13-15, 19-20 are directed toward embody the method of claims 1, 8, 16 in "computer readable medium" or "program storage device readable by machine", or "computer program product". It would have been obvious to embody the procedures of Tanigawa as discussed with respect to claims 1, 8, 16 in a "computer readable medium" or "program storage device readable by machine", or "computer program product" in order that the instructions could be automatically performed by a processor.

7. Claims 6, 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tanigawa et al. (US 5,973,681) as applied to claim 4 or claim 8 above, and in view of Mao et al. (US 7,089,579 B1).



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Regarding claim 6, Tanigawa discloses a method as discussed in the rejection of claim 4. Tanigawa also discloses the link is selected by the user, and bidirectional communication (see include, but is not limited to, col. 27, line 19-col. 29, line 32).

However, Tanigawa does not implicitly disclose sending link information to the transmitting unit when any one link provided to the data transmitted to the video display is selected.

Mao discloses sending link information to the transmitting unit when the link provided to the data transmitted to the video display is selected (see col. 8, lines 5-67, figures 1,4). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Tanigawa to use the teaching as taught by Mao in order to improve efficiency in transmitting of content that is not stored at the receiving device.

Regarding claim 10, the additional limitations of the system as claimed correspond to the additional limitations of the method as claimed in claim 6, and are analyzed as discussed with respect to the rejection of claim 6.

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Wang et al. (US 6,675,385) discloses HTML electronic program guide for an

MEPG TV system.

Field et al. (US 6,018,764) discloses mapping uniform resource locators to broadcast addresses in a television signal.

Mao et al. (US 6,886,178) discloses digital TV system with synchronized World Wide Web content.

Alonso et al. (US 6,184,878) discloses interactive World Wide Web access using a set top terminal in a video on demand system.

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Son P. Huynh whose telephone number is 571-272-7295. The examiner can normally be reached on 9:00 - 6:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher S. Kelley can be reached on 571-272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Son P. Huynh

February 9, 2007

  
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